870 Order Status Report

Functional Group ID=**RS**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Notes:

1. Organizations use this transaction set to provide supply status on Special Program Requirements (SPR) requests. The Defense Automatic Addressing System Center (DAASC) and Inventory Control Points (ICPs) or Integrated Material Managers (IMMs) use this transaction set to notify the organization originating the SPR or Logistics Asset Support Estimate (LASE) transaction that the transaction was rerouted. ICPs or IMMs use this transaction to notify the originator of an SPR or LASE transaction that the Federal Supply Classification (FSC) provided on the original transaction was incorrect.

2. Use a single occurrence of this transaction set to transmit supply status to one or more organizations. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BSR	Beginning Segment for Order Status Report	M	1		
Not Used	040	REF	Reference Identification	O	12		
Not Used	042	TD3	Carrier Details (Equipment)	O	1		
Not Used	043	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1		
Not Used	044	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1		
			LOOP ID - N1			200	
	050	N1	Name	O	1		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	060	N2	Additional Name Information	O	2		
Not Used	070	N3	Address Information	O	2		
Not Used	080	N4	Geographic Location	O	1		
Not Used	090	REF	Reference Identification	O	12		
Not Used	100	PER	Administrative Communications Contact	O	3		
Not Used	105	PWK	Paperwork	O	1		
Not Used	110	DTM	Date/Time Reference	O	10		
			LOOP ID - LM			10	
Not Used	120	LM	Code Source Information	O	1		
Not Used	130	LQ	Industry Code	M	100		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			1000	
Must Use	010	HL	Hierarchical Level	M	1		
Not Used	020	PRF	Purchase Order Reference	O	1		
			LOOP ID - ISR			104	
Not Used	030	ISR	Item Status Report	O	1		
Not Used	040	PID	Product/Item Description	O	6		
Not Used	050	QTY	Quantity	O	4		
Must Use	060	REF	Reference Identification	O	12		
Not Used	070	PER	Administrative Communications Contact	O	3		
	080	DTM	Date/Time Reference	O	10		
Not Used	086	CS	Contract Summary	O	3		n1
			LOOP ID - N1			200	
	090	N1	Name	O	1		
Not Used	100	N2	Additional Name Information	O	2		
Not Used	110	N3	Address Information	O	2		
Not Used	120	N4	Geographic Location	O	1		
Not Used	130	REF	Reference Identification	O	12		
Not Used	140	PER	Administrative Communications Contact	O	3		
			LOOP ID - LM			10	
	144	LM	Code Source Information	O	1		
Must Use	145	LQ	Industry Code	M	100		
			LOOP ID - PO1			1000	
	150	PO1	Baseline Item Data	O	1		
Not Used	155	CUR	Currency	O	1		
Not Used	160	SLN	Subline Item Detail	O	100		
Not Used	170	PO3	Additional Item Detail	O	1		
Not Used	180	PID	Product/Item Description	O	1000		
Not Used	190	MEA	Measurements	O	40		
Not Used	200	PKG	Marking, Packaging, Loading	O	25		
			LOOP ID - ISR			104	
	210	ISR	Item Status Report	O	1		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Notes and Comments
Not Used	220	PID	Product/Item Description	O	6	
	230	QTY	Quantity	O	4	
	240	DTM	Date/Time Reference	O	10	
Not Used	250	N1	Name	O	1	
Not Used	251	N2	Additional Name Information	O	2	
Not Used	252	N3	Address Information	O	2	
Not Used	253	N4	Geographic Location	O	1	
Not Used	260	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	270	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1	
Not Used	280	TD3	Carrier Details (Equipment)	O	1	
Not Used	290	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1	
Not Used	300	REF	Reference Identification	O	12	
Not Used	310	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
			LOOP ID - LM			10
	320	LM	Code Source Information	O	1	
Must Use	330	LQ	Industry Code	M	100	
			LOOP ID - LX			>1
Not Used	340	LX	Assigned Number	O	1	n2
Not Used	350	REF	Reference Identification	O	>1	
Not Used	360	N1	Name	O	1	
Not Used	370	DTM	Date/Time Reference	O	10	
			LOOP ID - LM			10
Not Used	380	LM	Code Source Information	O	1	
Not Used	390	LQ	Industry Code	M	100	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n3
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Use is limited to intra-organizational transactions.
2. The LX loop conveys serial number, lot number, and inventory data.
3. The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	**ST** **Transaction Set Header**
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			870 X12.23 Order Status Report	
Must Use	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			A unique number assigned by the originator of the transaction set, or the originator's application program.	

Segment:	**BSR** Beginning Segment for Order Status Report	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the beginning of an Order Status Report Transaction Set	
Syntax Notes:		
Semantic Notes:	**1** BSR03 indicates a status report document number assigned by the sender.	
	2 BSR04 indicates the date of this report from the sender.	
	3 BSR07 indicates the time of this report from the sender.	
	4 BSR08 indicates a status report document number assigned by the inquirer.	
	5 BSR09 indicates the date this report was requested from the sender by the inquirer.	
	6 BSR10 indicates the time this report was requested from the sender by the inquirer.	
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BSR01	850	**Status Report Code**	**M ID 1/2**

Code indicating the reason for sending the report

    3   Unsolicited Report

> ***Use to indicate the DAASC or the ICP/IMM is notifying an organization of an error in an SPR or LASE transaction.***

    9   Response to a Requirement Forecast

> ***Use to indicate the supply source is providing planning information related to a SPR.***

Must Use	BSR02	847	**Order/Item Code**	**M ID 1/2**

Code identifying a group of orders and items

    CA   All Orders - All Items

> ***Use to indicate the response applies to all specified items.***

Must Use	BSR03	127	**Reference Identification**	**M AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

> ***Use code "Z" for this data element to satisfy a mandatory X12 syntax requirement.***

Must Use	BSR04	373	**Date**	**M DT 6/6**

Date (YYMMDD)

> ***This date is the date of transaction set preparation and corresponds to***

the Universal Time Coordinate (UTC).

Not Used	BSR05	848	**Product/Date Code**		O	ID 1/2

Code indicating whether the inquiry is based on products and/or date parameters

Not Used	BSR06	849	**Location Code**		O	ID 1/2

Code indicating the selection of a supplier's and/or buyer's locations or group of locations

	BSR07	337	**Time**		O	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

1. Use to identify the originator's time of transaction set preparation time in UTC.

2. Express time in a four-position (HHMM) format.

Not Used	BSR08	127	**Reference Identification**		O	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	BSR09	373	**Date**		O	DT 6/6

Date (YYMMDD)

Not Used	BSR10	337	**Time**		O	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	BSR11	353	**Transaction Set Purpose Code**		O	ID 2/2

Code identifying purpose of transaction set

    00   Original

    77   Simulation Exercise

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use exteme caution to ensure that individual transactions do not process as action documents which affect accountable records.

Not Used	BSR12	306	**Action Code**		O	ID 1/2

Code indicating type of action

Segment:	**N1** Name	
Position:	050	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1 At least one of N102 or N103 is required.	
	2 If either N103 or N104 is present, then the other is required.	
Semantic Notes:		
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2 N105 and N106 further define the type of entity in N101.	
Notes:	*Must use the 1/N1/050 loop to identify the organization originating the transaction set.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	**M ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

Use only one of codes GP, Z4, or ZN.

    GP   Gateway Provider

                     Identifies a gateway access provider

Use when DAASC is providing rerouting status.

    Z4   Owning Inventory Control Point

                     An inventory control organization responsible for management of a particular item

Use to identify the ICP or IMM providing status.

    ZN   Losing Inventory Manager

                     The organization losing management responsiblity for an individual item of supply

Use with BSR01 code 9 when the LIM is providing status.

	Ref. Des.	Data Element	Name	Attributes
Not Used	N102	93	**Name**	**X AN 1/35**

Free-form name

	Ref. Des.	Data Element	Name	Attributes
Must Use	N103	66	**Identification Code Qualifier**	**X ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

    1   D-U-N-S Number, Dun & Bradstreet

    9   D-U-N-S+4, D-U-N-S Number with Four Character

			Suffix		
		10	Department of Defense Activity Address Code (DODAAC)		
		M4	Department of Defense Routing Identifier Code (RIC)		

An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

Must Use	**N104**	**67**	**Identification Code**	**X**	**AN 2/20**

Code identifying a party or other code

Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

Must Use	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

FR   Message From

Must use with the appropriate 1/N101/050 code to indicate the organization cited in N104 orginating the transaction set.

Segment:	**HL** **Hierarchical Level**
Position:	010
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments
Syntax Notes:	
Semantic Notes:	
Comments:	1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
	2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
	3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
	4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
	5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.
Notes:	***The transaction set hierarchial data structure is SPR or LASE transaction status only.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	HL01	628	**Hierarchical ID Number**	M AN 1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
			In the first 2/HL/010 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.	
Not Used	HL02	734	**Hierarchical Parent ID Number**	O AN 1/12
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
Must Use	HL03	735	**Hierarchical Level Code**	M ID 1/2
			Code defining the characteristic of a level in a hierarchical structure	
			W Transaction Reference Number	
			The HL loop will identify shipment notice information for each reported transaction reference	

number

Use to identify the individual SPR or LASE transaction status loops.

Not Used   **HL04**   **736**   **Hierarchical Child Code**   **O   ID 1/1**

Code indicating if there are hierarchical child data segments subordinate to the level being described

Segment:	**REF** Reference Identification	
Position:	060	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	**1** At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is required.	
	3 If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	**1** REF04 contains data relating to the value cited in REF02.	
Comments:		
Notes:	*Must use to identify the customer assigned transaction number.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**REF01**	**128**	**Reference Identification Qualifier**		**M ID 2/3**
			Code qualifying the Reference Identification		
			TN	Transaction Reference Number	
				Must use to identify the customer assigned transaction number.	
			WL	Federal Supply Classification Code	
				Use for ICP notification transactions to identify the correct FSC associated with the material cited in an SPR or LASE transaction.	
Must Use	**REF02**	**127**	**Reference Identification**		**X AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	**REF03**	**352**	**Description**		**X AN 1/80**
			A free-form description to clarify the related data elements and their content		
Not Used	**REF04**	**C040**	**Reference Identifier**		**O**
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	**C04001**	**128**	**Reference Identification Qualifier**		**M ID 2/3**
			Code qualifying the Reference Identification		
Not Used	**C04002**	**127**	**Reference Identification**		**M AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	**C04003**	**128**	**Reference Identification Qualifier**		**X ID 2/3**
			Code qualifying the Reference Identification		
Not Used	**C04004**	**127**	**Reference Identification**		**X AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| Not Used | C04005 | 128 | **Reference Identification Qualifier** | **X** | **ID 2/3** |

Code qualifying the Reference Identification

| Not Used | C04006 | 127 | **Reference Identification** | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**DTM** Date/Time Reference	
Position:	080	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.	
	2 If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Use in SPR/LASE status transactions.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3
			Code specifying type of date or time, or both date and time	
			097 Transaction Creation	
			Use to indicate the date of transaction preparation.	
	DTM02	373	**Date**	X DT 6/6
			Date (YYMMDD)	
Not Used	DTM03	337	**Time**	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	**Time Code**	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	DTM05	624	**Century**	O N0 2/2
			The first two characters in the designation of the year (CCYY)	
Not Used	DTM06	1250	**Date Time Period Format Qualifier**	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM07	1251	**Date Time Period**	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment:	**N1** Name	
Position:	090	
Loop:	N1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	

Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.
Notes:		*1. Must use one iteration of this 2/N1/090 loop to identify the organization to receive the transaction.*
		2. Use additional iterations to identify other organizations associated with the transaction.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**	**M ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

	78	Service Requester

Must use to indicate the activity submitting the original SPR or LASE transaction.

	ZA	Corrected Address

The organization to which information should have been sent

Use to identify the source of supply to whom DAASC or the ICP or IMM has rerouted the transaction.

	ZP	Gaining Inventory Manager

The organization assuming management responsiblity for an individual item of supply

Use for SPR response transactions to identify the Gaining Item Manager (GIM) for those items of supply involved in logistics reassignment.

	Ref. Des.	Data Element	Name	Attributes
Not Used	**N102**	**93**	**Name**	**X AN 1/35**
			Free-form name	
Must Use	**N103**	**66**	**Identification Code Qualifier**	**X ID 1/2**

			Code designating the system/method of code structure used for Identification Code (67)		
		1	D-U-N-S Number, Dun & Bradstreet		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
		10	Department of Defense Activity Address Code (DODAAC)		
		M4	Department of Defense Routing Identifier Code (RIC)		
			An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions		

Must Use	N104	67	**Identification Code**	X	AN 2/20

Code identifying a party or other code

Not Used	N105	706	**Entity Relationship Code**	O	ID 2/2

Code describing entity relationship

Must Use	N106	98	**Entity Identifier Code**	O	ID 2/2

Code identifying an organizational entity, a physical location, or an individual

	TO	Message To

Must use with 2/N101/090 code 78 to indicate the organization cited in N104 is receiving the transaction set.

Segment: **LM** Code Source Information

Position:	144
Loop:	LM Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit standard code list identification information
Syntax Notes:	
Semantic Notes:	
Comments:	**1** LM02 identifies the applicable industry code list source information.
Notes:	*Use this 2/LM/144 loop to identify coded information maintained in departmental or agency documentation.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	**Agency Qualifier Code**	**M ID 2/2**
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	LM02	822	**Source Subqualifier**	**O AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier	

	Segment:	**LQ** Industry Code
	Position:	145
	Loop:	LM Optional
	Level:	Detail
	Usage:	Mandatory
	Max Use:	100
	Purpose:	Code to transmit standard industry codes
	Syntax Notes:	1 If LQ01 is present, then LQ02 is required.
	Semantic Notes:	
	Comments:	
	Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	**Code List Qualifier Code**	O ID 1/3

Code identifying a specific industry code list

0	Document Identification Code

Codes that subclassify a transaction

78	Project Code

Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes

81	Status Code

Informs appropriate recipients about the status of a transaction or excess report

Use multiple repetitions to identify status associated with the transaction number to notify of an FSC change and/or that DAASC rerouted a LASE or SPR transaction; otherwise do not use.

83	Supply Condition Code

Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable

A9	Supplementary Address

Identifies the originating organization's unique logistics information

ED	Coast Designation Code

The location of the consignee

Must Use	LQ02	1271	**Industry Code**	X AN 1/30

Code indicating a code from a specific industry code list

Segment:		**PO1** Baseline Item Data
Position:		150
Loop:		PO1 Optional
Level:		Detail
Usage:		Optional
Max Use:		1
Purpose:		To specify basic and most frequently used line item data
Syntax Notes:	1	If PO103 is present, then PO102 is required.
	2	If PO105 is present, then PO104 is required.
	3	If either PO106 or PO107 is present, then the other is required.
	4	If either PO108 or PO109 is present, then the other is required.
	5	If either PO110 or PO111 is present, then the other is required.
	6	If either PO112 or PO113 is present, then the other is required.
	7	If either PO114 or PO115 is present, then the other is required.
	8	If either PO116 or PO117 is present, then the other is required.
	9	If either PO118 or PO119 is present, then the other is required.
	10	If either PO120 or PO121 is present, then the other is required.
	11	If either PO122 or PO123 is present, then the other is required.
	12	If either PO124 or PO125 is present, then the other is required.
Semantic Notes:		
Comments:	1	See the Data Element Dictionary for a complete list of IDs.
	2	PO101 is the line item identification.
	3	PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:		*Use the 2/P01/150 loop for SPR response transactions to identify the material and status associated with the transaction number.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	PO101	350	**Assigned Identification**	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
Not Used	PO102	330	**Quantity Ordered**	X	R 1/9
			Quantity ordered		
Not Used	PO103	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	PO104	212	**Unit Price**	X	R 1/17
			Price per unit of product, service, commodity, etc.		
Not Used	PO105	639	**Basis of Unit Price Code**	O	ID 2/2
			Code identifying the type of unit price for an item		
Must Use	PO106	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in		

Product/Service ID (234)

Use only one of codes A2, A4, FB, FS, KD, PR, RR, SR, SW, or YP to identify the material. Must use the National Stock number (NSN) when known.

A2   Department of Defense Identification Code (DoDIC)

Qualifies a code that uniquely identifies a type of explosive or ammunition

Use to identify ammunition items.

A4   Subsistence Identification Number

Item identifier is a brand-name resale subsistence item

Use to identify subsistence items.

FB   Form Number

Use to identify the form stock number.

FS   National Stock Number

KD   Replacement National Stock Number

Use to identify the substitute or superseding NSN when the requested material is either not available or obsolete.

PR   Process Number

Use to identify the substitute or superseding publication number when the requested material is either not available or obsolete.

RR   Replacement Product No.

Use to identify the substitute or superseding form stock number when the requested material is either not available or obsolete.

SR   Substitute Product Number

Use to identify the substitute or superseding ammunition item when the requested material is either not available or obsolete.

SW   Stock Number

Use to identify the substitute or superseding subsistence item when the requested material is either not available or obsolete.

YP   Publication Number

Use to identify the publication stock number.

Must Use	PO107	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	PO108	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	PO109	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Not Used	PO110	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	PO111	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	PO112	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	PO113	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	PO114	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	PO115	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	PO116	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	PO117	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	PO118	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	PO119	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	PO120	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	PO121	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	PO122	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	PO123	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	PO124	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	PO125	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	Segment:	**ISR** Item Status Report
	Position:	210
	Loop:	ISR Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify detailed purchase order/item status
	Syntax Notes:	
	Semantic Notes:	1 If ISR01 specifies a date, ISR02 is required.
	Comments:	
	Notes:	*Use the 2/ISR/210 loop to provide detailed status information.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**ISR01**	**368**	**Shipment/Order Status Code**	**M ID 2/2**

Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

> CO   Customer Inquiry - Unshipped Items Only
>
> *Use to indicate status is provided in response to a customer inquiry.*
>
> UR   Unsolicited Report
>
> *Use to indicate status is provided in accordance with normal status response parameters.*

	Ref. Des.	Data Element	Name	Attributes
Not Used	**ISR02**	**373**	**Date**	**O DT 6/6**

Date (YYMMDD)

	Ref. Des.	Data Element	Name	Attributes
Not Used	**ISR03**	**641**	**Status Reason Code**	**O ID 3/3**

Code indicating the status reason

Segment:	**QTY** Quantity	
Position:	230	
Loop:	ISR	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	4	
Purpose:	To specify quantity information	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*1. Must use one repetition with responses to SPR forecasts to identify the quantity for which the SPR status code in the 2/LM/320 loop applies. May use a second repetition in response to an SPR forecast to indicate the procurement leadtime.*	
	2. Do not use with transactions notifying of errors in SPR or LASE transactions.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier**	M ID 2/2

Code specifying the type of quantity

1G		Lead Time (in calendar units)
		The amount of intial lead time

Use to indicate the number of procurement (or assembly) lead time days when required by the associated status code.

AY		Forecast

Use to identify the SPR forecast quantity associated with the support date in the 2/DTM/240 segment.

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY02	380	**Quantity**	M R 1/15

Numeric value of quantity

Express as a whole number with no decimals.

	QTY03	C001	**Composite Unit of Measure**	O

To identify a composite unit of measure (See Figures Appendix for examples of use)

Must Use	C00101	355	**Unit or Basis for Measurement Code**	M ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.

Not Used	C00102	1018	**Exponent**	O R 1/15

Power to which a unit is raised

Not Used	C00103	649	**Multiplier**	O R 1/10

			Value to be used as a multiplier to obtain a new value		
Not Used	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00105	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00108	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		

Segment:	**DTM** Date/Time Reference	
Position:	240	
Loop:	ISR Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	**1** At least one of DTM02 DTM03 or DTM06 is required.	
	2 If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*1. Must use with responses to SPR forecasts to identify the support date associated with the forecast quantity in the 2/QTY/230 segment for which the status in the 2/LM/320 loop is provided.*	
	2. Do not use with transactions notifying of errors in SPR or LASE transactions.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	DTM01	374	Date/Time Qualifier	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			106 Required By		
			Use to identify the specific support date for which SPR status is provided.		
Must Use	DTM02	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	DTM03	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	Time Code	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	624	Century	O	N0 2/2
			The first two characters in the designation of the year (CCYY)		
Not Used	DTM06	1250	Date Time Period Format Qualifier	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM07	1251	Date Time Period	X	AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**LM** Code Source Information		
Position:	320		
Loop:	LM	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To transmit standard code list identification information		
Syntax Notes:			
Semantic Notes:			
Comments:	**1** LM02 identifies the applicable industry code list source information.		
Notes:	*Use the 2/LM/320 loop to identify status related to the forecast quantity in the 2/QTY/230 segment and the date in the 2/DTM/240 segment.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LM01**	**559**	**Agency Qualifier Code**	**M ID 2/2**
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	**LM02**	**822**	**Source Subqualifier**	**O AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment:	**LQ** Industry Code	
Position:	330	
Loop:	LM	Optional
Level:	Detail	
Usage:	Mandatory	
Max Use:	100	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.	
Semantic Notes:		
Comments:		
Notes:	*1. Use to identify codes, as appropriate, consistent with management information requirements.*	
	2. Use multiple repetitions to identify SPR status associated with the transaction number.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	**Code List Qualifier Code**	O ID 1/3
			Code identifying a specific industry code list	
		EY	Special Program Requirement Status Code	
			Informs of forecasting activities of action taken	
Must Use	LQ02	1271	**Industry Code**	X AN 1/30
			Code indicating a code from a specific industry code list	

Segment:	**SE** Transaction Set Trailer	
Position:	020	
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)	
Syntax Notes:		
Semantic Notes:		
Comments:	**1**	SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Cite the same number as the one cited in ST02.	